

10/518,817

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PASSWORD:

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NEWS 7 AUG 30 CASREACT - Enhanced with displayable reaction conditions
NEWS 8 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:11:57 ON 13 SEP 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:12:03 ON 13 SEP 2005

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Property values tagged with IC are from the ZIC/VINITI data file

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STRUCTURE FILE UPDATES: 12 SEP 2005 HIGHEST RN 862971-50-4
DICTIONARY FILE UPDATES: 12 SEP 2005 HIGHEST RN 862971-50-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

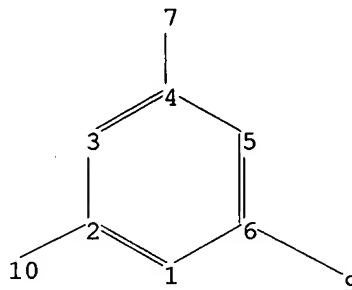
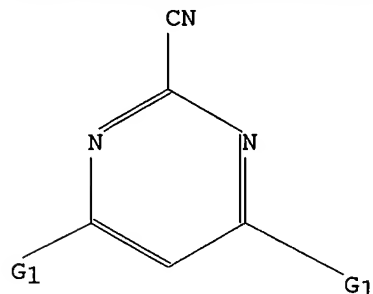
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*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
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Structure search iteration limits have been increased. See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

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Documents\STNEXP4\QUERIES\10518817.str



chain nodes :
7 9 10
ring nodes :
1 2 3 4 5 6
chain bonds :
2-10 4-7 6-9
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-10 6-9
exact bonds :
4-7
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

10/518,817

G1:O,N

Match level :

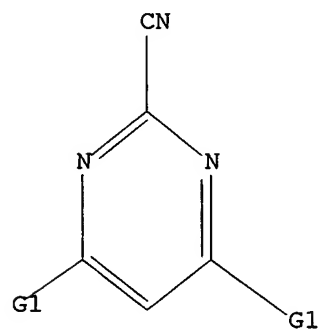
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 15:12:23 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 36 TO ITERATE

100.0% PROCESSED 36 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 360 TO 1080

PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

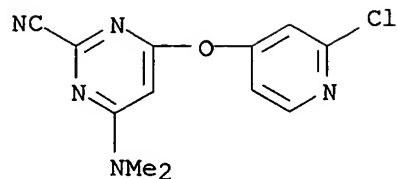
=> d scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 2-Pyrimidinecarbonitrile, 4-[(2-chloro-4-pyridinyl)oxy]-6-(dimethylamino)-
(9CI)

MF C12 H10 Cl N5 O

10/518,817



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 sss ful

FULL SEARCH INITIATED 15:12:37 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 711 TO ITERATE

100.0% PROCESSED 711 ITERATIONS

15 ANSWERS

SEARCH TIME: 00.00.01

L3 15 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

161.33

161.54

FILE 'CAPLUS' ENTERED AT 15:12:45 ON 13 SEP 2005

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FILE COVERS 1907 - 13 Sep 2005 VOL 143 ISS 12

FILE LAST UPDATED: 12 Sep 2005 (20050912/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 10 L3

=> d l4 1-10 bib hitstr

L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:565097 CAPLUS

10/518,817

DN 141:123623

TI Preparation of spiroheterocycles and imidazopyridine derivative based chemical screening library for identification of ligands capable of binding to G-protein coupled receptors

IN Ward, Terence; Crossley, Roger; Slater, Martin John

PA Biofocus Plc, UK

SO PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004058264	A1	20040715	WO 2003-GB5637	20031224
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI GB 2002-30195 A 20021224

OS MARPAT 141:123623

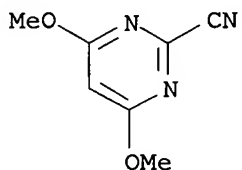
IT 139539-63-2

RL: RCT (Reactant); RACT (Reactant or reagent)

(reactants within scope of invention; preparation of spiroheterocycles and imidazopyridine derivative based chemical screening library for identification of ligands capable of binding to G-protein coupled receptors)

RN 139539-63-2 CAPLUS

CN 2-Pyrimidinecarbonitrile, 4,6-dimethoxy- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:2886 CAPLUS

DN 140:77157

TI Preparation of novel purine- or pyrrolo[2,3-d]pyrimidine-2-carbonitriles for treating diseases associated with cysteine protease activity

IN Bailey, Andrew; Pairaudeau, Garry; Patel, Anil; Thom, Stephen

PA Astrazeneca AB, Swed.

SO PCT Int. Appl., 41 pp.

CODEN: PIXXD2

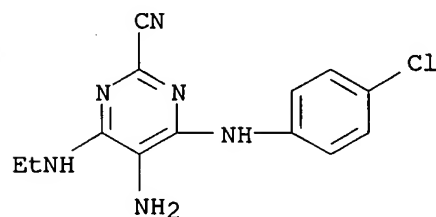
DT Patent

LA English

FAN.CNT 1

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PI	WO 2004000843	A1	20031231	WO 2003-SE1079	20030623
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,			

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR,
 TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 EP 1532148 A1 20050525 EP 2003-761002 20030623
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 PRAI SE 2002-1980 A 20020624
 WO 2003-SE1079 W 20030623
 OS MARPAT 140:77157
 IT 639855-27-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of purine- or pyrrolo[2,3-d]pyrimidine-2-carbonitriles for
 treating diseases associated with cysteine protease activity)
 RN 639855-27-9 CAPLUS
 CN 2-Pyrimidinecarbonitrile, 5-amino-4-[(4-chlorophenyl)amino]-6-(ethylamino)-
 (9CI) (CA INDEX NAME)



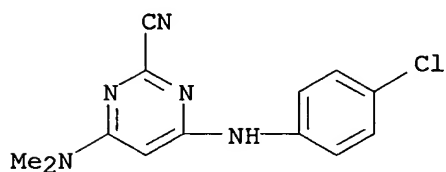
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:2865 CAPLUS
 DN 140:77167
 TI Preparation and new use of pyrimidine- or triazine-2-carbonitriles for
 treating diseases associated with cysteine protease activity
 IN Bailey, Andrew; Pairaudeau, Garry; Patel, Anil; Thom, Stephen
 PA Astrazeneca AB, Swed.
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000819	A1	20031231	WO 2003-SE1078	20030623
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				

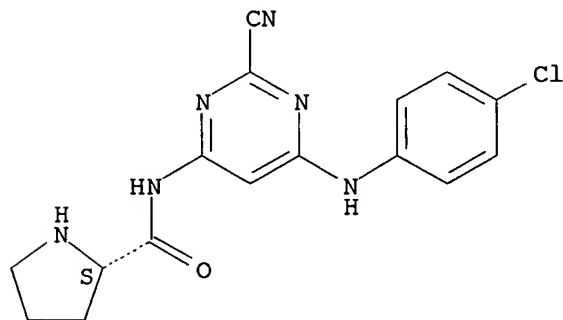
10/518,817

BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
EP 1532121 A1 20050525 EP 2003-761001 20030623
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRAI SE 2002-1976 A 20020624
WO 2003-SE1078 W 20030623
OS MARPAT 140:77167
IT 639854-78-7P 639854-90-3P 639854-98-1P
639854-99-2P 639855-03-1P 639855-20-2P
639855-27-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(preparation and new use of pyrimidine- or triazine-2-carbonitriles for
treating diseases associated with cysteine protease activity)
RN 639854-78-7 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[(4-chlorophenyl)amino]-6-(dimethylamino)-
(9CI) (CA INDEX NAME)



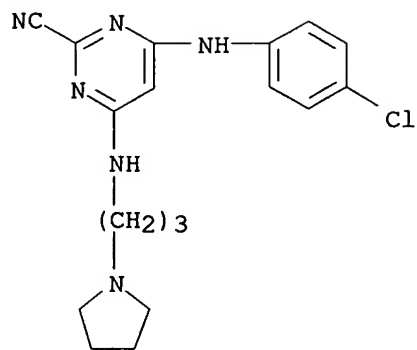
RN 639854-90-3 CAPLUS
CN 2-Pyrrolidinecarboxamide, N-[6-[(4-chlorophenyl)amino]-2-cyano-4-pyrimidinyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 639854-98-1 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[(4-chlorophenyl)amino]-6-[[3-(1-pyrrolidinyl)propyl]amino]- (9CI) (CA INDEX NAME)

10/518,817



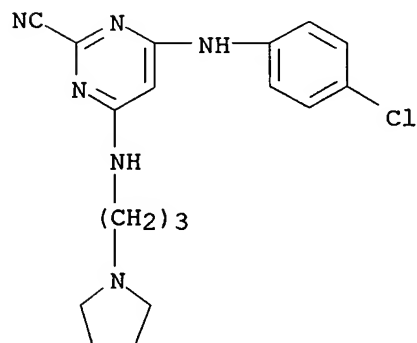
RN 639854-99-2 CAPLUS

CN 2-Pyrimidinecarbonitrile, 4-[(4-chlorophenyl)amino]-6-[[3-(1-pyrrolidinyl)propyl]amino]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 639854-98-1

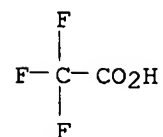
CMF C18 H21 Cl N6



CM 2

CRN 76-05-1

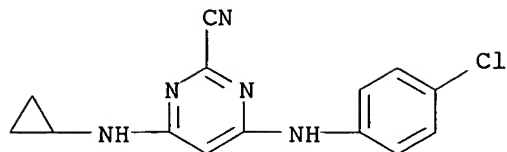
CMF C2 H F3 O2



RN 639855-03-1 CAPLUS

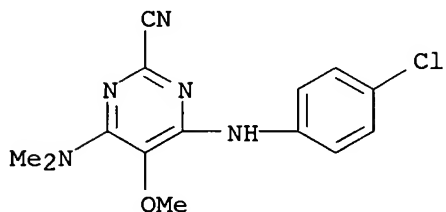
CN 2-Pyrimidinecarbonitrile, 4-[(4-chlorophenyl)amino]-6-(cyclopropylamino)- (9CI) (CA INDEX NAME)

10/518,817



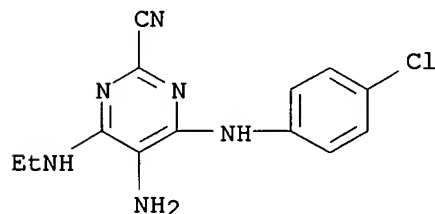
RN 639855-20-2 CAPLUS

CN 2-Pyrimidinecarbonitrile, 4-[(4-chlorophenyl)amino]-6-(dimethylamino)-5-methoxy- (9CI) (CA INDEX NAME)



RN 639855-27-9 CAPLUS

CN 2-Pyrimidinecarbonitrile, 5-amino-4-[(4-chlorophenyl)amino]-6-(ethylamino)- (9CI) (CA INDEX NAME)



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:798218 CAPLUS

DN 135:331440

TI Preparation of substituted sulfonylaminopyrimidines as endothelin receptor antagonists

IN Boss, Christoph; Bolli, Martin; Clozel, Martine; Fischli, Walter; Weller, Thomas

PA Actelion Pharmaceuticals Ltd., Switz.

SO PCT Int. Appl., 124 pp.

CODEN: PIXXD2

DT Patent

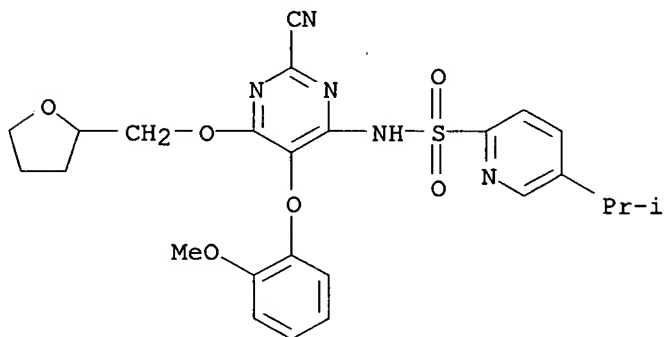
LA English

FAN.CNT 1

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PI	WO 2001081338	A1	20011101	WO 2001-EP4133	20010411
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10/518,817

SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI WO 2000-EP3692 W 20000425
OS MARPAT 135:331440
IT **370105-45-6P**, Rac-5-isopropyl-N-[2-cyano-5-(2-methoxyphenoxy)-6-
(tetrahydrofuran-2-ylmethoxy)pyrimidin-4-yl]-2-pyridinesulfonamide
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted sulfonylaminopyrimidines as endothelin receptor
antagonists)
RN 370105-45-6 CAPLUS
CN 2-Pyridinesulfonamide, N-[2-cyano-5-(2-methoxyphenoxy)-6-[(tetrahydro-2-
furanyl)methoxy]-4-pyrimidinyl]-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1998:561164 CAPLUS
DN 129:216624
TI Preparation of pyrimidine derivatives as endothelin antagonists
IN Yamada, Kouichiro; Yasuda, Kosuke; Yoshikawa, Kohei; Kono, Rikako
PA Tanabe Seiyaku Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 18 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10226649	A2	19980825	JP 1997-339235	19971210
PRAI	JP 1996-331701	A	19961212		

OS MARPAT 129:216624

IT **184779-48-4P 184779-49-5P 184779-50-8P**

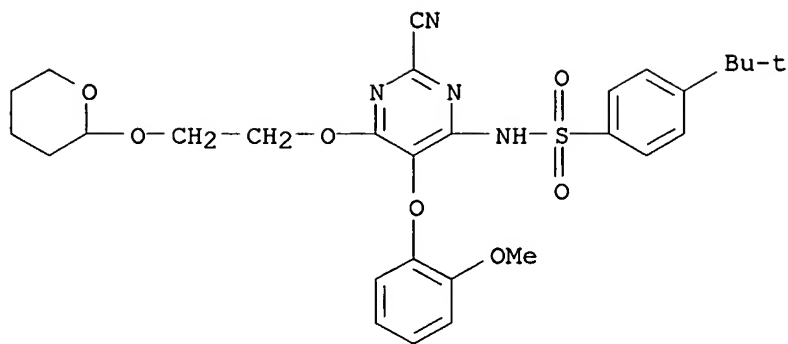
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation of pyrimidine derivs. as endothelin antagonists)

RN 184779-48-4 CAPLUS

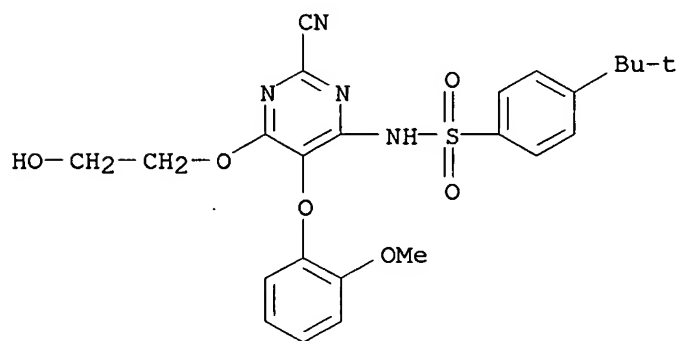
CN Benzenesulfonamide, N-[2-cyano-5-(2-methoxyphenoxy)-6-[2-[(tetrahydro-2H-
pyran-2-yl)oxy]ethoxy]-4-pyrimidinyl]-4-(1,1-dimethylethyl)- (9CI) (CA
INDEX NAME)

10/518,817



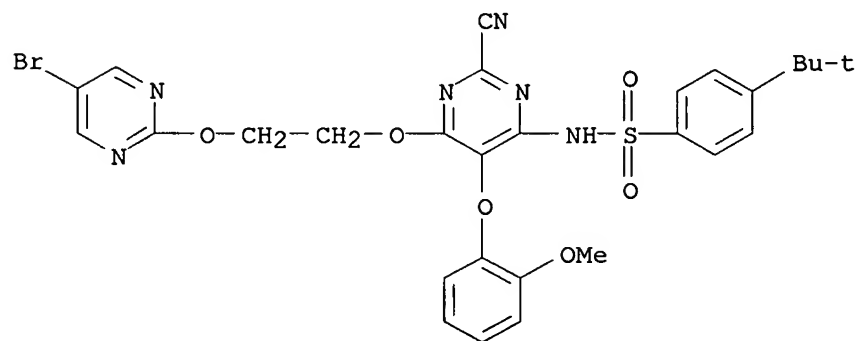
RN 184779-49-5 CAPLUS

CN Benzenesulfonamide, N-[2-cyano-6-(2-hydroxyethoxy)-5-(2-methoxyphenoxy)-4-pyrimidinyl]-4-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



RN 184779-50-8 CAPLUS

CN Benzenesulfonamide, N-[6-[2-[(5-bromo-2-pyrimidinyl)oxy]ethoxy]-2-cyano-5-(2-methoxyphenoxy)-4-pyrimidinyl]-4-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:9259 CAPLUS

DN 126:47236

TI Preparation of N-pyrimidinylsulfonamides as endothelin antagonists

IN Yamada, Koichiro; Yasuda, Kosuke; Kikkawa, Kohei; Kohno, Rikako

PA Tanabe Seiyaku Co., Ltd., Japan

10/518,817

SO Eur. Pat. Appl., 63 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 743307	A1	19961120	EP 1996-107694	19960514
	EP 743307	B1	20010912		
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 08311043	A2	19961126	JP 1995-116213	19950516
	JP 3013752	B2	20000228		
	US 5739333	A	19980414	US 1996-644847	19960509
	EP 959072	A1	19991124	EP 1999-110998	19960514
	EP 959072	B1	20020925		
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	EP 959073	A1	19991124	EP 1999-110999	19960514
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	AT 205482	E	20010915	AT 1996-107694	19960514
	PT 743307	T	20011228	PT 1996-107694	19960514
	ES 2163548	T3	20020201	ES 1996-107694	19960514
	AT 224879	E	20021015	AT 1999-110998	19960514
	PT 959072	T	20021231	PT 1999-110998	19960514
	ES 2184367	T3	20030401	ES 1999-110998	19960514
	CA 2176776	AA	19961117	CA 1996-2176776	19960516
	CN 1146990	A	19970409	CN 1996-106284	19960516
	CN 1100043	B	20030129		
	JP 09059261	A2	19970304	JP 1996-151441	19960613
	JP 3013778	B2	20000228		
	GR 3036611	T3	20011231	GR 2001-400308	20010913
PRAI	JP 1995-116213	A	19950516		
	JP 1995-149872	A	19950616		
	EP 1996-107694	A3	19960514		

OS MARPAT 126:47236

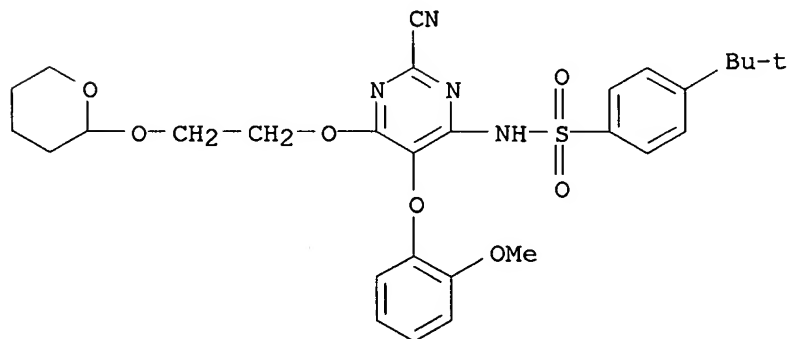
IT **184779-48-4P 184779-49-5P 184779-50-8P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of N-pyrimidinylsulfonamides as endothelin antagonists)

RN 184779-48-4 CAPLUS

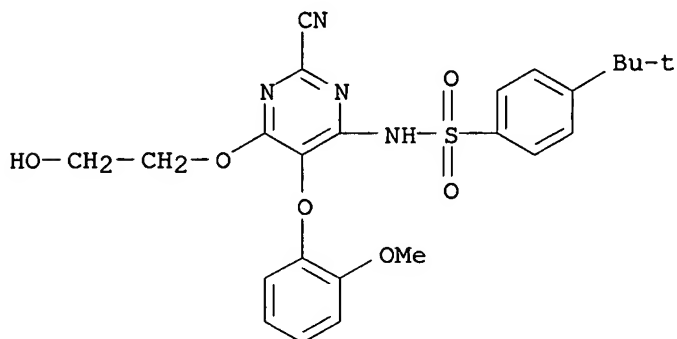
CN Benzenesulfonamide, N-[2-cyano-5-(2-methoxyphenoxy)-6-[2-[(tetrahydro-2H-pyran-2-yl)oxy]ethoxy]-4-pyrimidinyl]-4-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



10/518,817

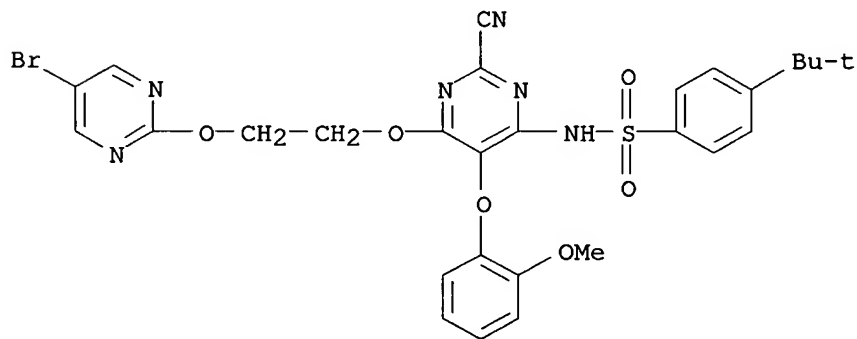
RN 184779-49-5 CAPLUS

CN Benzenesulfonamide, N-[2-cyano-6-(2-hydroxyethoxy)-5-(2-methoxyphenoxy)-4-pyrimidinyl]-4-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



RN 184779-50-8 CAPLUS

CN Benzenesulfonamide, N-[6-[2-[(5-bromo-2-pyrimidinyl)oxy]ethoxy]-2-cyano-5-(2-methoxyphenoxy)-4-pyrimidinyl]-4-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1995:422781 CAPLUS

DN 122:187621

TI Preparation of herbicidal heterocyclic carboxamides

IN Niedermann, Hans-Peter; Eisenacht, Rudi

PA Shell Internationale Research Maatschappij B. V., Neth.

SO PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DT Patent

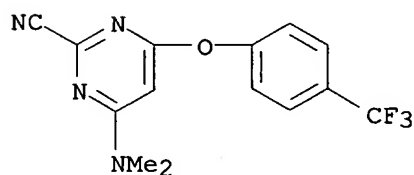
LA English

FAN.CNT 1

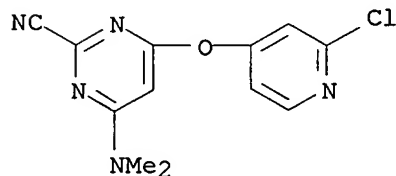
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9427974	A1	19941208	WO 1994-EP1759	19940526
	W: AU, BR, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2163785	AA	19941208	CA 1994-2163785	19940526
	AU 9469985	A1	19941220	AU 1994-69985	19940526
	AU 695697	B2	19980820		
	BR 9406630	A	19960206	BR 1994-6630	19940526
	EP 700391	A1	19960313	EP 1994-91821	19940526

10/518,817

EP 700391 B1 19981021
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
JP 08510462 T2 19961105 JP 1994-500250 19940526
AT 172455 E 19981115 AT 1994-918821 19940526
ES 2123141 T3 19990101 ES 1994-918821 19940526
US 5759956 A 19980602 US 1996-553298 19960508
PRAI EP 1993-108536 A 19930527
WO 1994-EP1759 W 19940526
OS MARPAT 122:187621
IT **161611-34-3P 161611-35-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of herbicidal heterocyclic carboxamide)
RN 161611-34-3 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-(dimethylamino)-6-[4-(trifluoromethyl)phenoxy]-
(9CI) (CA INDEX NAME)



RN 161611-35-4 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[(2-chloro-4-pyridinyl)oxy]-6-(dimethylamino)-
(9CI) (CA INDEX NAME)



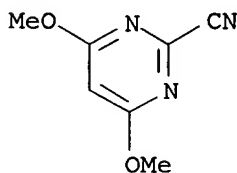
L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:579610 CAPLUS
DN 121:179610
TI Preparation of 2-cyano-4,6-dimethoxypyrimidine as an intermediate for
herbicides
IN Tomota, Yoshinobu
PA Ihara Chemical Ind Co, Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06135942	A2	19940517	JP 1992-315831	19921030
	JP 3213775	B2	20011002		
PRAI	JP 1992-315831		19921030		
OS	CASREACT 121:179610				
IT	139539-63-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, from methanesulfonyldimethoxypyrimidine)				

10/518,817

RN 139539-63-2 CAPLUS

CN 2-Pyrimidinecarbonitrile, 4,6-dimethoxy- (9CI) (CA INDEX NAME)



L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:128972 CAPLUS

DN 116:128972

TI Preparation of azinylphthalides and related compounds as herbicides

IN Anderson, Richard James; Cloudsdale, Ian Stuart; Hokama, Takeo

PA Sandoz A.-G., Switz.; Sandoz-Patent-G.m.b.H.; Sandoz-Erfindungen
Verwaltungsgesellschaft m.b.H.

SO Eur. Pat. Appl., 65 pp.

CODEN: EPXXDW

DT Patent

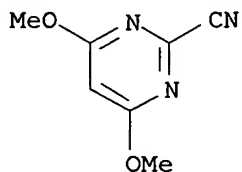
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 461079	A2	19911211	EP 1991-810428	19910605
	EP 461079	A3	19920304		
	EP 461079	B1	19970716		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	HU 61153	A2	19921228	HU 1991-1771	19910527
	HU 212435	B	19960628		
	AU 9178204	A1	19911212	AU 1991-78204	19910605
	AU 649448	B2	19940526		
	RU 2040522	C1	19950725	RU 1991-4895617	19910605
	IL 98378	A1	19951127	IL 1991-98378	19910605
	AT 155466	E	19970815	AT 1991-810428	19910605
	ES 2107447	T3	19971201	ES 1991-810428	19910605
	CA 2043976	AA	19911208	CA 1991-2043976	19910606
	CN 1057837	A	19920115	CN 1991-104849	19910606
	CN 1033735	B	19970108		
	JP 04235967	A2	19920825	JP 1991-163978	19910606
	PL 170729	B1	19970131	PL 1991-290573	19910606
	SK 278746	B6	19980204	SK 1991-1737	19910606
	BR 9102386	A	19920114	BR 1991-2386	19910607
	ZA 9104382	A	19930224	ZA 1991-4382	19910607
	US 5506192	A	19960409	US 1994-201150	19940223
	US 5561101	A	19961001	US 1995-457544	19950601
	US 5627137	A	19970506	US 1995-457907	19950601
	US 5627138	A	19970506	US 1995-457909	19950601
PRAI	US 1990-534794	A	19900607		
	US 1990-633592	A	19901221		
	US 1991-804150	B2	19911206		
	US 1993-36006	B1	19930323		
	US 1994-201150	A1	19940223		
OS	MARPAT 116:128972				
IT	139539-63-2				
	RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, in preparation of herbicide)				
RN	139539-63-2 CAPLUS				

10/518,817

CN 2-Pyrimidinecarbonitrile, 4,6-dimethoxy- (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1953:39319 CAPLUS

DN 47:39319

OREF 47:6664b-d

TI Azo dyes

IN Taube, Karl

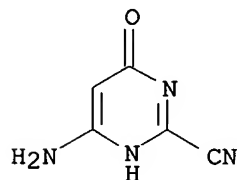
PA Farbenfabriken Bayer

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 870304		19530312	DE	
IT	857409-08-6, 2-Pyrimidinecarbonitrile, 4-amino-6-hydroxy- (azo dyes from)				
RN	857409-08-6	CAPLUS			
CN	2-Pyrimidinecarbonitrile, 4-amino-6-hydroxy- (5CI) (CA INDEX NAME)				



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

34.35

195.89

STN INTERNATIONAL LOGOFF AT 15:13:11 ON 13 SEP 2005